



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
DOW FREEPORT E-3

Component
Transmission (Auto)

Fluid
CASTROL TRANSYND (--- QTS)

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0800595	WC0689741	---
Sample Date		Client Info		09 Jan 2024	30 Dec 2022	---
Machine Age	mls	Client Info		9999	5001	---
Oil Age	mls	Client Info		0	0	---
Filter Age	mls	Client Info		0	0	---
Oil Changed		Client Info		N/A	Not Changd	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>160	57	60	---
Chromium	ppm	ASTM D5185m	>5	<1	<1	---
Nickel	ppm	ASTM D5185m	>5	1	1	---
Titanium	ppm	ASTM D5185m		<1	0	---
Silver	ppm	ASTM D5185m	>5	0	0	---
Aluminum	ppm	ASTM D5185m	>50	13	16	---
Lead	ppm	ASTM D5185m	>50	44	51	---
Copper	ppm	ASTM D5185m	>225	13	13	---
Tin	ppm	ASTM D5185m	>10	2	2	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

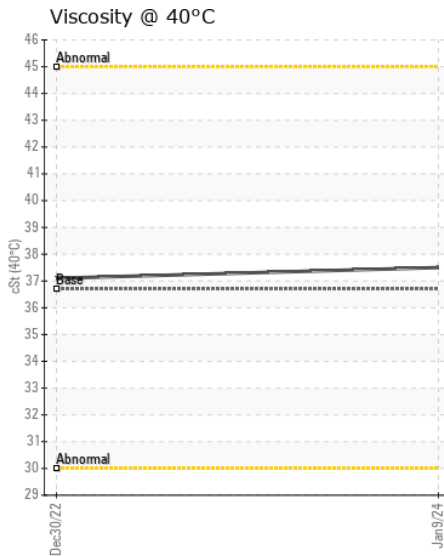
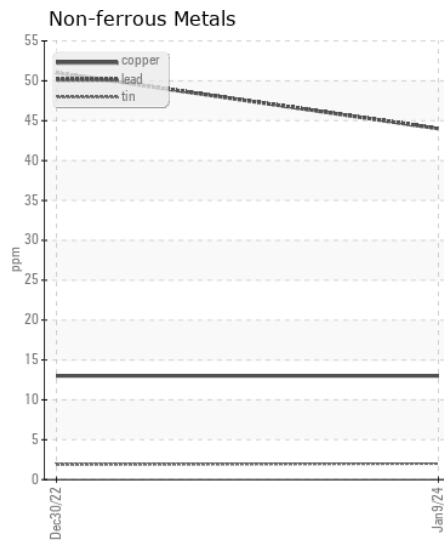
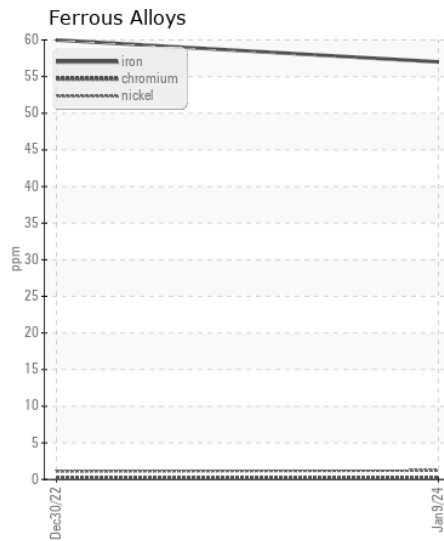
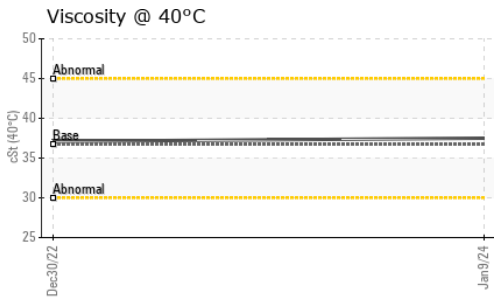
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>20	6	6	---
Potassium	ppm	ASTM D5185m	>20	8	8	---
Water		WC Method	>0.1	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	---

FLUID CONDITION

The condition of the fluid is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		4	8	---
Boron	ppm	ASTM D5185m	133	100	94	---
Barium	ppm	ASTM D5185m	0	4	2	---
Molybdenum	ppm	ASTM D5185m	0	<1	<1	---
Manganese	ppm	ASTM D5185m		2	2	---
Magnesium	ppm	ASTM D5185m	0	<1	<1	---
Calcium	ppm	ASTM D5185m	27	44	33	---
Phosphorus	ppm	ASTM D5185m	293	266	259	---
Zinc	ppm	ASTM D5185m	0	26	37	---
Sulfur	ppm	ASTM D5185m	1050	683	262	---
Visc @ 40°C	cSt	ASTM D445	36.7	37.5	37.1	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0800595 **Received** : 12 Jan 2024
Lab Number : 06059692 **Diagnosed** : 16 Jan 2024
Unique Number : 10831074 **Diagnostician** : Wes Davis
Test Package : CONST

SIDDONS-MARTIN EMERGENCY GROUP
 4903 A FM 1765, 14233 INTERDRIVE W
 LA MARQUE, TX
 US 77568
 Contact: TODD ZACHERL
 tzacherl@siddons-martin.com
 T: (409)655-3005
 F:

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)